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Claims

The claims pending in the application are the following:

1. (original) A thermosetting composite material, particularly for manufacturing sanitary articles and kitchen sinks, comprising a polymeric matrix that incorporates a filler material distributed in said matrix, wherein said filler material is constituted by glass particles the preponderant fraction of which has a size distribution from 0.2 to 1.5 mm.
2. (original) The composite material according to claim 1, wherein said polymeric matrix is constituted by a solution of polymethyl methacrylate in methyl methacrylate.
3. (previously presented) The composite material according to claim 1, wherein said filler material is comprised in a percentage from 60 to 85%.
4. (original) The composite material according to claim 1, wherein said polymeric matrix is introduced in a percentage from 40 to 15%.
5. (original) The composite material according to claim 1, wherein said polymeric matrix is constituted by a syrup of polymethyl methacrylate in methyl methacrylate, in which the polymethyl methacrylate percentage is from 25 to 30% by weight of the matrix.
6. (original) The composite material according to claim 1, comprising a catalyst in a percentage from 0.5 to 0.8%.
7. (original) The composite material according to claim 1, comprising, in said polymeric matrix, coloring fractions at a concentration from 1 to 5% with respect to the weight of the matrix.
8. (original) The composite material according to claim 1, wherein said filler is constituted by colored glass.
9. (original) The composite material according to claim 1, wherein said filler material has a coating layer made of organofunctional silane particles.
10. (original) The composite material according to claim [1] 5, wherein the

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preponderant fraction of said glass particles have a size from 0.4 to 0.9 mm.

11. (previously presented) The composite material according to claim [1] 5, comprising from 1 to 2.5% by weight with respect to the syrup of a cross-linking agent.

12. (previously presented) The composite material according to claim [1] 5, comprising from 0.1 to 0.2% by weight of said syrup of a release agent.

13. (previously presented) The composite material according to claim [1] 5, comprising from 0.2 to 1% by weight of said syrup of an antisettling agent.

14. (previously presented) The composite material according to claim [1] 5, comprising from 0.5 to 1% by weight of said syrup of organofunctional silanes.

15. (previously presented) The composite material according to claim 3, wherein the filler material is comprised in a percentage from 70 to 80% by weight.

16-17 (canceled)

18 (previously presented) A thermosetting composite material, particularly for manufacturing sanitary articles and kitchen sinks, comprising a polymeric matrix that incorporates a filler material distributed in said matrix, wherein said filler material is constituted by glass particles the preponderant fraction of which has a size distribution from 0.2 to 1.5 mm, the glass particles being coated with organofunctional silane

19 (previously presented) . A thermosetting composite material according to claim 18, wherein the glass particles are coated with mercaptosilanes.

20 (previously presented) A thermosetting composite material, particularly for manufacturing sanitary articles and kitchen sinks, comprising a polymeric matrix that incorporates a filler material distributed in said matrix, wherein said filler material is constituted by glass particles the preponderant fraction of which has a size distribution from 0.2 to 1.5 mm, wherein said polymeric matrix is constituted by a syrup of polymethyl methacrylate in methyl methacrylate, in which the polymethyl methacrylate percentage is from more than 25 to 30% by weight of the matrix.